

## AMENDMENTS TO THE CLAIMS

1-9. (Cancelled)

10. (Currently Amended) A digital receiving apparatus comprising:  
a measuring unit for measuring a physical information of a stream of demodulation signal, the physical information indicating a reception quality;  
an information separating unit for reproducing ~~[[a]]~~ the stream of the demodulation signal, ~~[[and]]~~ separating it into stream signals on multiplexed respective channels for output, and determining data compression types of the stream signals, the data compression types indicating data types with and without compression;  
a decoding unit for decoding and outputting said stream signals;  
a control unit for switching and controlling a stream signal for the decoding unit to decode out of the stream signals on said respective channels; and  
a storing unit for storing matching information for indicating matching a relationship between the physical information ~~for indicating reception quality~~ and the data compression types of the stream signals on the respective channels,  
wherein said control unit determines the matching relationship between said measured physical information ~~during reception~~ and the determined data compression type of the stream signal on a channel selected out of said channels based on said matching information, and  
switches to the stream signal on another channel and makes said decoding unit decode it when the control unit determines that said physical information ~~during~~

~~reception~~ and the determined data compression type of the stream signal on said selected channel do not conform to a predetermined relationship.

11. (Currently Amended) The digital receiving apparatus according to claim 10, wherein the stream signal on said another channel is a stream signal of a data compression type different from the data compression type of the stream signal on said selected channel.

12. (Currently Amended) The digital receiving apparatus according to claim 10, wherein the stream signal on said another channel has a data compression type conforming to ~~[[a]]~~ the predetermined relationship with said physical information ~~during reception~~.

13. (Previously Presented) The digital receiving apparatus according to claim 10, wherein said physical information is a bit error rate.

14. (Currently Amended) The digital receiving apparatus according to claim 10, wherein

~~[[if]]~~ when said control unit determines that said physical information ~~during reception~~ and the data compression type of the stream signal of said selected channel do not conform to ~~[[a]]~~ the predetermined relationship, the control unit searches for a stream signal on said another channel, having a data compression type conforming to the predetermined relationship with said physical information ~~during reception~~, based

on said matching information, and switches to the stream signal on said different channel based on ~~[[the]]~~ a search result.

15. (Currently Amended) A method of reception of a digital receiving apparatus, comprising:

a measuring step of measuring a physical information of a stream of demodulation signal, the physical information indicating a reception quality;

an information separating step of reproducing a stream of demodulation signal, and separating it into stream signals on multiplexed respective channels for output, and determining data compression types of the stream signals, the data compression types indicating data types with and without compression;

a decoding step of decoding and outputting said stream signals;

a control step of switching and controlling a stream signal for said decoding step to decode out of the stream signals on said respective channels; and

a storing step of storing matching information for indicating matching relationship between physical information ~~for indicating reception quality~~ and the data compression types of the stream signals on the respective channels,

wherein in the control step, the matching relationship between said physical information ~~during reception~~ and the data compression type of the stream signal on a channel selected out of said channels is determined based on said matching information, and

the stream signal to be decoded in said decoding step is switched to the stream signal on another channel when it is determined that said physical information ~~during~~

reception and the data compression type of the stream signal on said selected channel do not conform to a predetermined relationship.

16. (Currently Amended) A computer program to be executed by a computer arranged in a digital receiving apparatus, the computer program comprising:

a measuring step of measuring a physical information of a stream of demodulation signal, the physical information indicating a reception quality;

an information separating step of reproducing a stream of demodulation signal, [[and]] separating it into stream signals on multiplexed respective channels for output, and determining data compression types of the stream signals, the data compression types indicating data types with and without compression;

a decoding step of decoding said stream signals;

a control step of switching and controlling a stream signal for said decoding step to decode out of the stream signals on said respective channels; and

a storing step of storing matching information for indicating matching relationship between physical information for indicating reception quality and the data compression types of the stream signals on the respective channels,

wherein in said control step,

the matching relationship between said physical information during reception and the data type of the stream signal on a channel selected out of said channels is determined based on said matching information, and

the stream signal to be decoded in said decoding step is switched to the stream signal on another channel when it is determined that said physical information during

reception and the data compression type of the stream signal on said selected channel do not conform to a predetermined relationship.

17. (Previously Presented) A recording medium containing the computer program according to claim 16.